

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator:</b> AMEREN ILLINOIS COMPANY	Operator ID#: 32513
<b>Inspection Date(s):</b> 9/27/2012, 9/28/2012	Man Days: 2
<b>Inspection Unit:</b> AMEREN ILLINOIS COMPANY - Tuscola	
<b>Location of Audit:</b> Tuscola	
<b>Exit Meeting Contact:</b> Dallas Jett	
<b>Inspection Type:</b> Standard Inspection - Field Audit	
<b>Pipeline Safety Representative(s):</b> Randall Stewart	
<b>Company Representative to Receive Report:</b> Michael Fuller	
<b>Company Representative's Email Address:</b> mfuller2@ameren.com	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Dallas Jett	Quality Assurance Superintendent	
John Reardon	Pressure Regulation	
Fred Halabi	Corrosion Specialist	

CUSTOMER METER & REGULATOR		Status
<b><u>Category Comment:</u></b>		
<i>Holiday Drive in Tuscola contains 22 residences between Crestview to Parkside. The mains consist of 2" welded steel installed in 1965. Five services are fed by PE service lines. 19 meter sets were inspected on Holiday Drive from Crestview to Parkside. Not inspected were 117 and 214 Holiday Dr. which are all electric and 218 Holiday Dr. to which staff could not gain access to the meter set due to a dog in the fenced in back yard.</i>		
192.353(a)	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
192.355(b)(1)	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
192.355(b)(2)	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>

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192.355(b)(3)	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Satisfactory</b>
192.357(a)	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
192.357(d)	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
192.359(a)	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
192.365(a)	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
192.365(c)	Is the service line valve located in a curb box or stand pipe that allows for ready operation?	<b>Unsatisfactory</b>
<b><u>Issue Comment:</u></b>		
The meter set at 303 Holiday Drive was noted to have a buried stopcock. A brick patio had been constructed around the service line to the top of the stopcock leaving only the top of the nut visible. Ameren exposed the service line and replaced the stopcock. While performing a follow-up inspection a class 3 leak was detected at the regulator vent. The customer was not at the residence. The regulator will be replaced. At the close of this audit a pipe to soil reading had been obtained, and the regulator is in the process of being replaced.		
192.727(d)	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
Service had not been discontinued to any customer meter set inspected during this audit.		
<b>CATHODIC PROTECTION</b>		<b>Status</b>
192.463(a)	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Satisfactory</b>
192.465(a)	Were pipe to soil readings taken?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Nineteen pipe to soil readings were obtained during the meter set inspection on Holiday Drive. All readings were above -1.00vdc. The following pipe to soil readings were also obtained by Fred Halibi, Corrosion Specialist at the following test points: T-002-006-TP at the Panhandle Take point Panhandle -1.81vdc / Ameren -1.67vdc Take point T-002-005-TP Ameren side -1.04vdc T-002-002-TP 9 Hillcrest Dr. -1.166vdc T-002-003-TP 404 Southland Dr South -1.156vdc T-002-007-TP 601 Southland Circle -1.167vdc T-001-024-TP Proud Mary's -1.320vdc		
192.465(b)	Were rectifier installations inspected?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
There were no rectifier installations to inspect during this audit.		
192.465(a)	Were isolated mains/services tested?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
There were no isolated mains/services to inspect during this audit.		
192.465(c)	Were critical/non critical bonds tested?	<b>Not Applicable</b>

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<b><u>General Comment:</u></b>		
<i>There were no critical/non critical bonds available to test during this audit.</i>		
192.467(a)	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Satisfactory</b>
192.467(c)	Were casings installations tested for electrical isolation?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No casing installations were inspected during this audit.</i>		
192.479(a)	Is the above ground piping coated or painted as required?	<b>Satisfactory</b>
192.479(c)	Is the pipeline free of corrosion or pitting?	<b>Satisfactory</b>
<b>DAMAGE PREVENTION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Each road crossing and the pressure station noted in this report were properly marked as required.</i>		
192.614	Does the operator have a valid notification of planned excavation activities?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>The operator did not have a valid notification of planned excavation activities at the time of this audit.</i>		
ADM. CODE 265.40(a)	Did the operator complete the locating activities in the specified timeframe?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>The operator did not have a valid notification of planned excavation activities at the time of this audit.</i>		
192.614(c)(5)	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>The operator did not have a valid notification of planned excavation activities at the time of this audit.</i>		
192.707(a)(1)	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Not Applicable</b>
192.707(a)(2)	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Satisfactory</b>
192.707(c)	Are line markers placed and maintained as close as practical over each buried main and transmission line located above ground?	<b>Satisfactory</b>
192.707(d)(1)	Do the operator's line markers contain the following information: The following	<b>Satisfactory</b>

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	must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	
192.707(d)(2)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Satisfactory</b>
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>The Tuscola Gate station on RT 36 to Egyptian Road Station X-038 was inspected during this audit. The Pressure Control Station Inspection Forms were used to verify the station equipment, MAOP, inspection dates, and set point. Pressure readings taken at the stations indicate the stations appear to feeding at acceptable levels.</i>		
192.739(a)(4)	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Satisfactory</b>
192.317(b)	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
192.741(a), 192.741(c)	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Satisfactory</b>
192.743(a)	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Overpressure protection provided by Trunkline.</i>		
192.199(d)	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
192.199(e)	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
192.199(h)	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Satisfactory</b>
<b>VALVE MAINTENANCE</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Valves associated with the pressure station were inspected during this audit. Also inspected were valves TD-35-03-001 at Rt. 36 and the entrance to the mall, TD-34-02-002 in the alley of Pembroke at Main St, TD-34-02-002 in the alley of Parke between Pembroke and Sale, and TD-34-02-006 in the alley south of Sale between Center and Court. Valve Location and Record forms were used to verify location, inspection compliance and equipment.</i>		
192.747(a)	Were the valves inspected accessible?	<b>Satisfactory</b>

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ODORIZATION OF GAS		Status
<b><u>Category Comment:</u></b> <i>An odorant test was performed by John Reardon at Jarman Center on the 700 block of Main St. in Tuscola utilizing a Heath Odorator model 5637 S/N 1763 last calibrated 12-13-11. Gas was detected at 0.36% gas in air.</i>		
192.625(a)	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Satisfactory</b>
192.625(e)	Was the Odorization equipment and tank levels inspected?	<b>Satisfactory</b>
192.625(f)	Was the operator's equipment calibrated as required?	<b>Satisfactory</b>
TRANSMISSION		Status
<b><u>Category Comment:</u></b> <i>The Tuscola system does not contain transmission valves.</i>		
192.179(b)(1)	Are transmission valves protected from tampering or damage?	<b>Not Applicable</b>
192.745(a)	Were the valves inspected accessible?	<b>Not Applicable</b>
192.719(a)	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Applicable</b>
MARKING OF MATERIAL		Status
192.63(a)	Does the operator's components and pipe contain the required markings?	<b>Satisfactory</b>
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>

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